

Temur Chilachava

Personal information

Contact Details

ID Number: 62001003899

Email address: temo_chilachava@yahoo.com

Full name: Temur Chilachava

Call number: 599809058

Gender: Male

Country: საქართველო (Georgia)

Date of birth: 05.01.1959

City: Tbilisi

Citizenship: საქართველო (Georgia)

Address: Qvishkheta 2, № 8

Languages

Language	Writing	Reading	Speaking
English	B2	C1	B2
Russian	C2	C2	C2
ქართული (Georgian)	C2	C2	C2

Education

Academic degree

Academic Degree: Doctoral/PhD, Ed.D or other equivalent

Year obtained: 27.11.1998

Education

Academic Degree	Name of the Institution	Country	Major discipline	Start year	End year
Doctoral/PhD, Ed.D or other equivalent	Tbilisi State University	საქართველო (Georgia)	Doctor of Mathematical and Physical Sciences,	1985	1998
Doctoral/PhD, Ed.D or other equivalent	M. V. Lomonosov Moscow State University	Russian Federation	Candidate of Physics and Mathematics Sciences	1981	1984
Master/MS, MA, MR, MBA, m.Ed or other equivalent	M. V. Lomonosov Moscow State University	Russian Federation	Mechanics	1975	1980

Projects

Ongoing projects

Project title	Position	Project head	Start Date	Donor
Automated information system of information warfare	Mentor	Nugzar Kereselidze	13.12.2017	Shota Rustaveli National Science Foundation of Georgia

Scientific Fields (2018-2020)

Main Field

Field: 1. Natural sciences

Sub-Field: 1.1 Mathematics

Subject area: 1.1.2 Applied mathematics

Additional Field (1)

Field: 1. Natural sciences

Sub-Field: 1.2 Computer and information sciences

Subject area: 1.2.1 Computer sciences

Additional Field (2)

Field: 1. Natural sciences

Sub-Field: 1.3 Physical sciences

Subject area: 1.3.8 Astronomy (including astrophysics, space science)

Scientific Fields (2021-2024)

Main Field

Field: 1. Physical Sciences and Engineering

Sub-Field: 1.1 Mathematics

Subject area: 1.1.20 Application of mathematics in sciences

Additional Field (1)

Field: 1. Physical Sciences and Engineering

Sub-Field: 1.1 Mathematics

Subject area: 1.1.10 ODE and dynamical systems

Additional Field (2)

Field: 1. Physical Sciences and Engineering

Sub-Field: 1.1 Mathematics

Subject area: 1.1.18 Scientific computing and data processing

Employment History

Current place(s) of employment

Workplace	Name of the work department	Position	Main responsibilities	Start Date
Tskhum-Abkhazian Academy of Sciences	Presidium	President	directs the work of the academy	31.03.2021
Georgian National University	Faculty of business and technology	Invited professor	lecture and seminar sessions	18.09.2017
Sokhumi State University	Faculty of Natural Sciences, Mathematics, Technologies and Pharmacy	Professor	Professor of Mathematical Modeling, Professor of Applied Mathematics of the department of applied mathematics	25.02.1985

Work experience

Company/Institution	Name of the department	Position	Main responsibilities	Start Date	End Date
Tbilisi State University	Applied Mathematics Faculty	Professor of Computer Mathematical Maintenance and Information Technologies Chair	Reading lectures and conducting practical exercises	10.09.2000	23.06.2006

Company/Institution	Name of the department	Position	Main responsibilities	Start Date	End Date
Sokhumi State University	Faculties of Exact and Natural Sciences	Vice-rector	Conduct training and scientific processes on the faculties of accurate and natural sciences	05.09.1993	22.07.2005

Scientific Productivity

Other products

Product Type	Registration number	Product Description	Year of Issue
Other		Expert in Mathematics of the National Academy of Sciences of Georgia	2017
Other	0000207	Professor's atestate	2000

Article / Monograph / Manual

Type	Authors	Publication title	Source title	Year
Article	Temur Chilachava, Sandra Pinelas, George Pochkhua	Research of a Nonlinear Dynamic System Describing the Mathematical Model of the Bipolar World	Journal of Mathematics and Computer Science (JMCS)	2025
Article	Temur Chilachava, Gia Kvashilava, George Pochkhua	Computer Modeling of the Interactions Between the Georgian, Colchian and Svan Populations	Reports of Enlarged Sessions of the Seminar of I. Vekua Institute of Applied Mathematics	2025
Article	Temur Chilachava, Gia Kvashilava, George Pochkhua	RESEARCH OF A NONLINEAR DYNAMIC SYSTEM DESCRIBING THE PROCESS OF INTERACTION BETWEEN COLCHIAN, GEORGIAN AND SVAN POPULATIONS	Transactions of A. Razmadze Mathematical Institute	2025
Article	Temur Chilachava, Gia Kvashilava, George Pochkhua	RESEARCH OF A NONLINEAR FOUR-DIMENSIONAL DYNAMIC SYSTEM DESCRIBING THE PROCESS OF INTERACTION BETWEEN GEORGIAN, LAZ, MINGRELIAN, AND SVAN POPULATIONS	Transactions of A. Razmadze Mathematical Institute	2025
Article	Temur Chilachava, Gia Kvashilava, George Pochkhua	MATHEMATICAL MODEL DESCRIBING THE PROCESS OF INTERACTION BETWEEN GEORGIAN, LAZ, MINGRELIAN, AND SVAN POPULATIONS	Proceedings of the Tskhum–Abkhazian Academy of Sciences	2025
Article	Temur Chilachava, George Pochkhua	Research of Nonlinear Dynamic Systems Describing the Process of Spread of World Religions	Bulletin of TICMI	2025
Article	Temur Chilachava, Gia Kvashilava, George Pochkhua	MATHEMATICAL AND COMPUTER MODELS OF THE TRANSFORMATION OF THE PROTO-KARTVELIAN POPULATION INTO THE SVAN AND GEORGIAN-COLCHIAN POPULATIONS	Reports of Enlarged Sessions of the Seminar of I. Vekua Institute of Applied Mathematics	2024
Article	Temur Chilachava, Rusudan Zedashidze	MATHEMATICAL MODEL OF DETONATION SHOCK WAVE PROPAGATION IN A NONHOMOGENEOUS STAR	Reports of Enlarged Sessions of the Seminar of I. Vekua Institute of Applied Mathematics	2024
Article	Temur Chilachava, Gia Kvashilava, George Pochkhua	MATHEMATICAL MODEL DESCRIBING THE TRANSFORMATION OF THE PROTOIKARTVELIAN POPULATION	Journal of Mathematical Sciences, v.280, i.3, pp. 300-308	2024
Article	Temur Chilachava, Gia Kvashilava, George Pochkhua, Tsiala Dzidziguri, Leila Sulava	RESEARCH OF NON-LINEAR DYNAMIC SYSTEM DESCRIBING INTERACTION BETWEEN COLCHIAN-GEORGIAN AND SVAN POPULACES	Tskhum-Abkhazian Academy of Sciences Proceedings	2024
Article	Temur Chilachava, Gia Kvashilava, George Pochkhua	Mathematical model for the Proto-Kartvelian population dynamics	Reports of Enlarged Sessions of the Seminar of I. Vekua Institute of Applied Mathematics	2023
Article	T.Chilachava	ON THE PROPAGATION OF AN EXPLOSIVE SHOCK WAVE IN A HOMOGENEOUS GRAVITATING THREE-AXIS GAS ELLIPSOID OF ROTATION	Reports of Enlarged Sessions of the Seminar of I. Vekua Institute of Applied Mathematics	2022

Type	Authors	Publication title	Source title	Year
Chapter in book	Temur Chilachava	POSSIBILITIES OF APPLIED MATHEMATICS TO PROVIDE PEACEKEEPING PROCESSES, pg. 104 – 115.	DEVELOPMENT OF METHODS PEACE-BUILDING IN THE SOUTH CASCASUS	2022
Article	Temur Chilachava, George Pochkhua	Research of nonlinear dynamic systems describing the process of territorial stability of the state	Bulletin of TICMI	2022
Article	T.Chilachava, N. Kakulia	Mathematical modeling of explosive processes in inhomogeneous stars	Proceedings of the Tskhum-Abkhazian Academy of Sciences	2021
Article	T.Chilachava, L. Khukhua	NONLINEAR MATHEMATICAL MODELS DESCRIBING THE INITIAL STAGE OF SARS-COV-2 VIRUS SPREAD	Proceedings of the Tskhum-Abkhazian Academy of Sciences	2021
Article	T.Chilachava, N. Kakulia	MATHEMATICAL MODELING OF EXPLOSIVE PROCESSES IN NONHOMOGENEOUS GRAVITATING GAS BODIES	Reports of Enlarged Sessions of the Seminar of I. Vekua Institute of Applied Mathematics	2021
Article	T.Chilachava, G. Pochkhua	Research of a Three-Dimensional Dynamic System Describing the Process of Assimilation	LECTURE NOTES of TICMI	2021
Article	T.Chilachava, G. Pochkhua, A. Rusetsky	Mathematical model of conflict region in case of three population groups with different priorities	Problems of management of safety of difficult systems. The XXIX International Conference, Moscow, 2021, pp. 128 – 134.	2021
Article	T. Chilachava, S. Pinelas, G. Pochkhua	Research of four-dimensional dynamic systems describing processes of three-level assimilation.	. Differential and Difference Equations with Applications. Springer Proceedings in Mathematics & Statistics, 2020, v. 333, pp. 281 – 297.	2020
Article	T.Chilachava, G. Pochkhua	Conflict resolution models and resource minimization problems.	Springer Proceedings in Mathematics & Statistics, Mathematics, Informatics, and their Applications in Natural Sciences and Engineering – AMINSE, 2020, v. 334, pp. 47 – 60.	2020
Article	T.Chilachava, G. Pochkhua, L. Sulava, M. Chakaberia	Mathematical and computer modelling of political conflicts in the case of variable coefficients	Reports of Enlarged Session of the Seminar of I. Vekua Institute of Applied Mathematics, Volume 34, 2020, pp. 11 – 14.	2020
Article	T.Chilachava, G. Pochkhua, A. Rusetsky	Mathematical model of secession of the region	Problems of management of safety of difficult systems. The XXVIII International Conference, Moscow, 2020, pp. 353 – 359.	2020
Article	T.Chilachava, L. Karalashvili, N. Kereselidze	Integrated Models of Non-Permanent Information Warfare	. International Journal on Advanced Science, Engineering, Information and Technology (IJASEIT). Vol. 10 (2020) No.6, pp. 2222 – 2230.	2020
Article	T.Chilachava, G. Pochkhua	Research of a three-dimensional nonlinear dynamic system describing the process of two-level assimilation.	4 Open, Volume 3 (2020)	2020
Article	T.Chilachava, G. Pochkhua	Mathematical and Computer Models of Settlements of Political Conflicts and Problems of Optimization of Resources	International Journal of Modeling and Optimization, Volume 10, Number 4 (Aug. 2020), 2020, pp. 132 – 138.	2020
Article	Temur Chilachava, George Pochkhua	The Mathematical Model of the Survival of Small Nations	Tskhum-Abkhazian Academy of Sciences, Proceedings	2020
Article	T. Chilachava , G.Pochkhua	Research of the nonlinear dynamic systems describing mathematical models of settlement of the conflicts by means of economic cooperation.	8 th International Conference on Applied Analysis and Mathematical Modeling, ICAAMM Proceedings Book, pp. 183 – 187.	2019
Article	T. Chilachava	Research Of The Dynamic System Describing Globalization Process.	Springer Proceedings in Mathematics & Statistics, Mathematics, Informatics, and their Applications in Natural Sciences and Engineering – AMINSE 2017, Tbilisi, v. 276, pp. 67 – 78,	2019
Article	T. Chilachava, G. Pochkhua	Mathematical and computer modeling of political conflict resolution	Works XXVII of the International conference, Moscow, pp. 293 – 299.	2019
Article	T.Chilachava, G. Pochkhua	Research of the dynamic systems describing mathematical models of resolution of the conflicts by means of economic cooperation	Tskhum-Abkhazian Academy of Sciences, Proceedings	2019
Article	T.Chilachava, G. Pochkhua, N.Kekelia, Z. Gegechkori	Research of the dynamic systems describing mathematical models of resolution of conflict by means of economic cooperation at bilateral or unilateral counteraction.	Tskhum-Abkhazian Academy of Sciences, Proceedings	2019

Type	Authors	Publication title	Source title	Year
Article	T.Chilachava, G. Pochkhua, N.Kekelia, Z. Gegechkori	Research of the dynamic systems describing mathematical models of resolution of conflict.	. Reports of Enlarged Session of the Seminar of I. Vekua Institute of Applied Mathematics,	2019
Article	T.Chilachava	About the exact solution of the rotating gravitating gas ellipsoid of Jacobi	Tskhum-Abkhazian Academy of Sciences, Proceedings	2019
Article	T.Chilachava	About the exact solutions of the rotating three-axis gas ellipsoid of Jacobi which is in own gravitational field.	. Reports of Enlarged Session of the Seminar of I. Vekua Institute of Applied Mathematics,	2019
Book	T. Chilachava	. Mathematical models in economics	Tbilisi, SSU, 178 pp.	2018
Article	T. Chilachava , L.Sulava	Mathematical and computer modeling of elections with constant demographic factor.	ISSN 1512-1232 GESJ: Computer Science and Telecommunications, No.2(54)	2018
Article	T. Chilachava , G.Pochkhua	Research of the dynamic system describing mathematical model of settlement of the conflict by means of economic cooperation	ISSN 1512-1232 GESJ: Computer Science and Telecommunications, No.3(55)	2018
Article	T. Chilachava, G. Pochkhua	About a possibility of resolution of conflict by means of economic cooperation.	Works XXVI of the International conference, Moscow, pp. 69 – 74	2018
Article	T. Chilachava , L.Sulava	Mathematical and computer modeling of political elections	Of the eleventh International Scientific-Practical Conference Internet-Education Science-2018, Proceedings	2018
Article	T. Chilachava, Ts. Gvinjilia	Research of three and two-dimensional nonlinear dynamical systems describing the training of scientists	Applied Mathematics, Informatics and Mechanics, Vol. 22, No.1, pp. 3 – 20.	2017
Article	T. Chilachava, Ts. Gvinjilia	Nonlinear Mathematical Model of Interference of Fundamental and Applied Researches.	International Journal of Systems Science and Applied Mathematics, № 2(6), pp. 110 – 115.	2017
Article	T. Chilachava , L.Sulava	About some first integrals of nonlinear system of the differential equations describing process of two-level assimilation	Tskhum-Abkhazian Academy of sciences proceedings, v. XIII-XIV, 83. 59-78, Tbilisi	2017
Article	T. Chilachava	Mathematical model of linguistic globalization	Works XXV of the International conference, Moscow, pp. 259 - 262	2017
Article	T. Chilachava , Ts. Gvinjilia	About some exact solutions of nonlinear systems of the differential equations describing interference of fundamental and applied researches.	Tskhum-Abkhazian Academy of sciences proceedings, v. XIII –XIV, pp.79-91, Tbilisi	2017
Article	T. Chilachava , Ts. Gvinjilia	Research of the dynamic systems describing mathematical models of training of the diplomaed scientists.	Seminar of I.Vekua Institute of Applied Mathematics, Reports, vol. 43, pp. 17 – 29.	2017
Article	T. Chilachava, Ts. Gvinjilia	Nonlinear mathematical model of interference of fundamental and applied researches of scientifically-research institute	Georgian Electronic Scientific Journal: Computer Science and Telecommunications, № 1(51), pg. 15 – 24.	2017
Article	T. Chilachava	Mathematical Model of Transformation of Two-party Elections to Three-party Elections.	GESJ: Computer Science and Telecommunication, №2 (52)	2017
Book	T. Chilachava	Mathematical physics in the tasks and decisions. The first part, 101 pg	Tbilisi, SSU	2016
Article	T. Chilachava , Ts. Gvinjilia	Nonlinear mathematical model of interaction of fundamental and applied researches.	Problems of security management of difficult systems. Works XXIV of the International conference, Moscow, pp. 289 - 292.	2016
Article	T. Chilachava , M. Chakaberia	Mathematical modeling of nonlinear processes of two-level assimilation	ISSN 1512-1232 GESJ: Computer Science and Telecommunications, No.3(49)	2016
Book	T. Chilachava	Bases of mathematical modeling.		2016
Article	T. Chilachava , L.Sulava	Mathematical and computer modeling of three-party elections.	ISSN 1512-1232 GESJ: Computer Science and Telecommunications, No.2(48)	2016
Article	T. Chilachava, M. Chakaberia	Mathematical modeling of nonlinear processes bilateral assimilation	Georgian Electronic Scientific Journal: Computer Science and Telecommunications, № 2(46), pp. 79-85.	2015
Article	T. Chilachava , L.Sulava	Mathematical and computer simulation of processes of elections with two selective subjects and float factors of model	Problems of security management of difficult systems. Works XXIII of the International conference, Moscow, p. 356 – 359.	2015
Article	T. Chilachava , L.Sulava	Mathematical and computer modeling of nonlinear processes of elections with two selective subjects.	ISSN 1512-1232 GESJ: Computer Science and Telecommunications, No.2(46)	2015
Article	T. Chilachava, M.Chakaberia	Mathematical modeling of nonlinear process of assimilation taking into account demographic factor	ISSN 1512-1232 GESJ: Computer Science and Telecommunications, No.4(44)	2014

Type	Authors	Publication title	Source title	Year
Article	T. Chilachava, A. Chakhvadze	Continuous nonlinear mathematical and computer model of information warfare with participation of authoritative interstate institutes.	ISSN 1512-1232 GESJ: Computer Science and Telecommunications, No.4(44)	2014
Article	T. Chilachava	Nonlinear mathematical model of bilateral assimilation	ISSN 1512-1232 GESJ: Computer Science and Telecommunications, No.1(41)	2014
Article	T. Chilachava	Linear continuous mathematical model of information warfare with participation of authoritative religious institutes.	Problems of security management of complex systems. Proceedings of the XXII International Conference, Moscow	2014
Article	T. Chilachava, Sh. Chochua	Nonlinear mathematical model of two-party elections in the presence of election fraud. Problems of security management of complex systems. Proceedings of the XXI International Conference	. Problems of security management of complex systems. Proceedings of the XXI International Conference, Moscow, pp. 349 - 352.	2013
Article	T. Chilachava	Nonlinear mathematical model of dynamics of voters of two political subjects	Seminar of I.Vekua Institute of Applied Mathematics, Reports	2013
Article	T. Chilachava	Nonlinear mathematical model of three-party elections	Problems of security management of complex systems. Proceedings of the XXI International Conference	2013
Article	T. Chilachava , L.Sulava	A nonlinear mathematical model of management	ISSN 1512-1232 GESJ: Computer Science and Telecommunications, No.1(37)	2013
Article	T. Chilachava , L.Sulava	Nonlinear mathematical model of variable administrative rule	Tskhum-Abkhazian Academy of sciences proceedings, v. III, pp. 174-190, Tbilisi	2012
Article	T. Chilachava	Nonlinear mathematical model of the dynamics of the voters pro-government and opposition parties.	Problems of security management of complex systems. Proceedings of the XX International Conference, Moscow, pp. 322 – 324	2012
Article	T. Chilachava	Nonlinear mathematical model of the dynamics of the voters pro-government and opposition parties (the two election subjects)	Basic paradigms in science and technology. Development for the XXI century. Transactions II.	2012
Article	ChilachavaT., Kereselidze N.	Nonlinear mathematical model of information warfare.	Problems of security management of complex systems. Proceedings of the XIX International Conference, Moscow,	2011
Article	T. Chilachava , N. Kereselidze	Mathematical modeling of information warfare		2011
Article	T. Chilachava , N. Kereselidze	"Aggressor - Sacrifice" nonlinear mathematical models of information warfare	Tskhum-Abkhazian Academy of sciences proceedings, v. II Tbilisi	2011
Monograph	T. Chilachava, Ts. Dzidziguri	Mathematical models in ecology and medicine		2011
Article	T. Chilachava , N. Kereselidze	Mathematical modeling of the information warfare	ISSN 1512-1232 GESJ: Computer Science and Telecommunications, № 1 (24), pp. 78 - 105.	2010
Article	T. Chilachava , L.Sulava, M. Chakaberia	On some nonlinear mathematical model of administration	Problems of security management of complex systems. Proceedings of the XVIII International Conference, Moscow	2010
Article	T. Chilachava , N. Kereselidze	Optimizing problem of continuous mathematical model of preventive information warfare	Problems of security management of complex systems. Proceedings of the XVIII International Conference, Moscow, pp. 221 – 226.	2010
Article	T. Chilachava , N. Kereselidze	Continuous linear mathematical model of preventive information warfare	Sokhumi State University Proceedings, Mathematics and Computer Sciences, vol. VII	2009
Article	T. Chilachava , N. Kereselidze	Non-preventive continuous linear mathematical model of information warfare	Sokhumi State University Proceedings, Mathematics and Computer Sciences, vol. VII	2009
Article	T. Chilachava	About the ecological model "predator - prey" taking into account seasonality of breeding of populations.	ISSN 1512-1232 GESJ: Computer Science and Telecommunications, No.2(19)	2009
Article	T. Chilachava , N. Kereselidze	The integrodifferential inequalities method for the solving of modeling problems of gravitating gas dynamics	ISSN 1512-1232 GESJ: Computer Science and Telecommunications, No.4(21)	2009
Article	T. Chilachava , L.Sulava, M. Chakaberia, Ts. Dzidziguri	. Nonlinear mathematical model of administrative management	Sokhumi State University Proceedings, Mathematics and Computer Sciences, vol. VII	2009
Monograph	T. Chilachava ,Ts. Dzidziguri	Mathematical modeling		2008
Article	T. Chilachava	The mathematical modeling of astrophysics problems	ISSN 1512-1232 GESJ: Computer Science and Telecommunications, No.2(13)	2007

Type	Authors	Publication title	Source title	Year
Article	T. Chilachava	. On the one mathematical model of the acoustic	ISSN 1512-1232 GESJ: Computer Science and Telecommunications, No.2(13)	2007
Article	T. Chilachava	About one mathematical model of the theory of distribution of sound waves. Collection of works, Automated control systems,	Collection of works, Automated control systems, 2007, v.2, issue 3, pp. 85 - 93.	2007
Book	.T. Chilachava, N. Gulua , G. Vanishvili	Informatics for students of humanitarian specialties. Part one.		2006
Book	T. Chilachava, N. Aslanidi	Optimization in examples and tasks		2006
Article	T. Chilachava	On the asymptotic method of solution of one class of astrophysic problems	Applied Mathematics and Informatic	1999
Article	T. Chilachava	On the asymptotic method of solution of one class of nonlinear mixed problems of mathematical physics	Bulletin of Georgian Academy of Sciences, v. 3(157), pp. 373 - 377.	1998
Article	T. Chilachava	On the solution of one nonlinear problem of mathematical physics	Reports of the Seminar of I. Vekua Institute of Applied Mathematics, v. 23, pp. 1 - 9.	1997
Article	T. Chilachava	On the asymptotic method of solution of one class of gravitation theory nonlinear problems	Reports of Enlarged Session of the Seminar of I. Vekua Institute of Applied Mathematics, #3(11)	1996
Article	T. Chilachava	About the solution of the interfaced problem for Helmholtz's equation in the space-inhomogeneous medium	Reports of Enlarged Session of the Seminar of I. Vekua Institute of Applied Mathematics, v. 1(4), pp. 136 - 139.	1989
Article	T. Chilachava	Sound scattering in a three-dimensional non-uniform wave guide with an uneven liquid bottom	Academy of Sciences of the USSR, Acoustic journal, volume. 32, is. 5, pp. 708 - 711	1986
Article	A. Golubyatnikov, T. Chilachava	A central explosion in an inhomogeneous sphere in equilibrium in its own gravitational field	Fluid Dynamics, v. 4(21), pp. 673 - 677.	1986
Article	T. Chilachava	The problem of a strong explosion in a uniformly compressing gravitating gas	Moscow State University, Bulletin, series Mathematics and Mechanics, v.1, pp. 78 – 83.	1985
Article	A. Golubyatnikov, T. Chilachava	Estimates of the motion of detonation waves in a gravitating gas	Fluid Dynamics, v. 2(19), pp. 292 – 296.	1984
Article	A. Golubiatnikov T. Chilachava	Central explosion of a rotating gravitating body.	Reports of Academy of Sciences of the USSR	1983

Scholarships and awards

Scholarships/awards name	Issuer	Year of Issue
Commemorative medal of Ilia Vekua	Ilia Vekua Institute of Applied Mathematics of Tbilisi State University	2022

Participation in scientific events

Scientific event name	Title of the presentation	Event venue	Year
40th International Enlarged Sessions of the Seminar of Ilia Vekua Institute of Applied Mathematics of Ivane Javakhishvili Tbilisi State University	Computer modeling of the process of interaction amonggeorgian, Laz, Mingrelian, and Svan populations	Tbilisi	2026
XXXIX International Enlarged Sessions of the Seminar of Ilia Vekua Institute of Applied Mathematics of Ivane Javakhishvili Tbilisi State University	Computer Modeling of the Interactions Between the Georgian, Colchian, and Svan Populations	Tbilisi	2025
XV Annual International Conference of the Georgian Mathematical Union	Research of a Nonlinear Dynamic System Describing the Process of Interaction between Georgian, Laz, Mingrelian and Svan Populations	Batumi	2025
XXXVIII International Enlarged Sessions of the Seminar of Ilia Vekua Institute of Applied Mathematics of Ivane Javakhishvili Tbilisi State University	MATHEMATICAL MODEL OF DETONATION SHOCK WAVE PROPAGATION IN A NONHOMOGENEOUS STAR	Tbilisi	2024
XXXVIII International Enlarged Sessions of the Seminar of Ilia Vekua Institute of Applied Mathematics of Ivane Javakhishvili Tbilisi State University	Mathematical and computer models of the transformation of the Proto-Kartvelian population into the Svan and Georgian-Colchian populations	Tbilisi	2024

Scientific event name	Title of the presentation	Event venue	Year
XIV Annual International Conference of the Georgian Mathematical Union	Mathematical models of the propagation of world religions	Batumi	2024
XIV Annual International Conference of the Georgian Mathematical Union	Mathematical model of detonation wave propagation in a nonhomogeneous gravitational gas sphere	Batumi	2024
XXXVII International Enlarged Sessions of the Seminar of Ilia Vekua Institute of Applied Mathematics	Mathematical Model for the Proto-Kartvelian Population Dynamics	Tbilisi	2023
XIII International Conference of the Georgian Mathematical Union	Mathematical Model Describing the Transformation of the Proto-Kartvelian Population	Batumi	2023
21 ST INTERNATIONAL CONFERENCE OF NUMERICAL ANALYSIS AND APPLIED MATHEMATICS.	Research of Nonlinear Dynamic Systems of Transformation of the Proto-Kartvelian Population	Greece, Crete, Heraklion	2023
XXXVI International Enlarged Sessions of the Seminar of Ilia Vekua Institute of Applied Mathematics of Ivane Javakhisvili Tbilisi State University	On the propagation of an explosive shock wave in a homogeneous gravitating three-axis gas ellipsoid of rotation	Tbilisi	2022
XII INTERNATIONAL CONFERENCE OF THE GEORGIAN MATHEMATICAL UNION	Bipolar and Three-Pole Political Mathematical Models	Batumi	2022
XXXV International Enlarged Sessions of the Seminar of Ilia Vekua Institute of Applied Mathematics	Mathematical modeling of explosive processes in nonhomogeneous gravitating gas bodies	Tbilisi	2021
The Fifth International Conference on Applications of Mathematics and Informatics in Natural Sciences and Engineering	Research of a Three-Dimensional Dynamic System Describing the Process of Assimilation	Tbilisi (Online)	2021
XI INTERNATIONAL CONFERENCE OF THE GEORGIAN MATHEMATICAL UNION	Nonlinear Mathematical Models Describing the Initial Stage of Infection Spread	Batumi (Online)	2021
XI INTERNATIONAL CONFERENCE OF THE GEORGIAN MATHEMATICAL UNION	Asymptotical Solution of the Mixed Problem for a System of Equations in Partial Derivatives Describing the Process of Propagation of Explosive Shock Waves in Nonhomogeneous Gravitational Gas Bodies	Batumi (Online)	2021
The 8th International Conference on System Modeling and Optimization (ICSMO 2020)	Mathematical and Computer Models of Settlements of Political Conflicts and Problems of Optimization of Resources	Barcelona	2020
Problems of management of safety of difficult systems. The XXVIII International Conference	Mathematical model of the possibility of secession of the region	Moscow (Online)	2020
XXXIV International Enlarged Sessions of the Seminar of Ilia Vekua Institute of Applied Mathematics	Mathematical and computer modeling of political conflicts in the case of variable coefficients.	Tbilisi (Online)	2020
XXXIII International Enlarged Sessions of the Seminar of Ilia Vekua Institute of Applied Mathematics	On the exact solution of the gas ellipsoid of the gross turnover in its gravitational field	Tbilisi	2019
XXXIII International Enlarged Sessions of the Seminar of Ilia Vekua Institute of Applied Mathematics	Mathematical models of conflict resolution in economic cooperation in case of bilateral or unilateral resistance of state structures	Tbilisi	2019
International Conference on Applied Analysis and Mathematical Modeling, ICAAMM19	Research of the nonlinear dynamic systems describing mathematical models of settlement of the conflicts by means of economic cooperation	Istanbul, Turkey	2019
International Conference on Differential & Difference Equations and Applications, ICDDEA 2019	Research of the four-dimensional dynamic systems describing processes of three-level assimilation	Portugal, Lisbon	2019
X International Conference of the Georgian Mathematical Union	Nonlinear mathematical model of the competition between two universities considering process of mobility of students	Batumi	2019
X International Conference of the Georgian Mathematical Union	Problems of Minimization in Mathematical Models of Resolution of Conflicts	Batumi	2019
The Fourth International Conference on Applications of Mathematics and Informatics in Natural Sciences and Engineering	Nonlinear mathematical models of settlement of political conflicts and problems of minimization of resources	Tbilisi	2019
Problems of management of safety of difficult systems. The XXVII International Conference	Mathematical and computer modeling of political conflict resolution	Moscow	2019
The XXVI International Conference "Problems of management of safety of difficult systems"	About a possibility of resolution of conflict by means of economic cooperation	Moscow	2018
IX Annual International Conference of the Georgian Mathematical Union	Mathematical Model of Economic Cooperation Between the Two Opposing Sides	Batumi	2018

Scientific event name	Title of the presentation	Event venue	Year
IX Annual International Conference of the Georgian Mathematical Union	Nonlinear mathematical model of process of three-level assimilation.	Batumi	2018
IX Annual International Conference of the Georgian Mathematical Union	Predicting the results of political elections with the help of mathematical and computer modeling	Batumi	2018
IX International Conference of the Georgian mathematical union	Mathematical Model of Economic Cooperation Between the Two Opposing Sides	Batumi	2018
VIII Annual International Conference of the Georgian Mathematical Union	Nonlinear Mathematical Model of Transformation of Two-Party Elections to Three-Party Elections.	Batumi	2017
VIII Annual International Conference of the Georgian Mathematical Union	Mathematical Model of Interference of Fundamental and Applied Researches	Batumi	2017
VIII Annual International Conference of the Georgian Mathematical Union	Nonlinear Two or Three-Stage Mathematical Model of Training of Scientists	Batumi	2017
ICPAS 2017 4th International Conference on Pure and Applied Sciences: Renewable Energies	Convergence analysis for finite difference scheme of one nonlinear integro-differential model with source term	Turkey, Istanbul	2017
Problems of management of safety of difficult systems. The XXV International Conference	Mathematical model of linguistic globalization	Moscow	2017
The third International Conference on "Applications of Mathematics and Informatics in Natural Sciences and Engineering".	Investigation of a nonlinear dynamical system describing the process of linguistic globalization	Tbilisi	2017
VIII International Conference of the Georgian mathematical union	Mathematical Model of Information Warfare with System of Linear Partial Differential Equations	Batumi	2017
The XXIV International Conference "Problems of management of safety of difficult systems"	Nonlinear mathematical model of interaction of fundamental and applied researches.	Moscow	2016
VII Annual International Conference of the Georgian Mathematical Union	About some decisions of nonlinear system of the differential equations describing process of two-level assimilation	Batumi	2016
VII Annual International Conference of the Georgian Mathematical Union	Three party nonlinear mathematical model of elections	Batumi	2016
The XXIII International Conference "Problems of management of safety of difficult systems"	Mathematical and computer simulation of processes of elections with two selective subjects and float factors of model	Moscow	2015
VI Annual International Conference of the Georgian Mathematical Union	Nonlinear mathematical model of two-party elections in case of linear functions of coefficients	Batumi	2015
VI Annual International Conference of the Georgian Mathematical Union	Nonlinear mathematical model of elections with variable coefficients of model	Batumi	2015
VI Annual International Conference of the Georgian Mathematical Union	Nonlinear mathematical model of bilateral assimilation with zero demographic factor of the assimilating sides.	Batumi	2015
VI Annual International Conference of the Georgian Mathematical Union	Nonlinear mathematical model of the two-level assimilation	Batumi	2015
The XXII International Conference "Problems of management of safety of difficult systems"	Linear continuous mathematical model of information warfare with participation of authoritative religious institutes	Moscow	2014
Caucasian Mathematics Conference	Nonlinear mathematical model of bilateral assimilation taking into account demographic factor	Tbilisi	2014
V Annual International Conference of the Georgian Mathematical Union	Continuous mathematical models of information warfare with participation of authoritative international and interstate institutes	Batumi	2014
XXXIII International Enlarged Sessions of the Seminar of Ilia Vekua Institute of Applied Mathematics	Linear discrete mathematical model of information warfare with participation of authoritative public organizations	Moscow	2014
V Annual International Conference of the Georgian Mathematical Union	Nonlinear mathematical and computer model of information warfare with participation of authoritative interstate institutes	Batumi	2014
IV Annual International Conference of the Georgian Mathematical Union	Nonlinear mathematical model of dynamics of voters three electoral subjects	Batumi	2013
IV Annual International Conference of the Georgian Mathematical Union	Two-party nonlinear mathematical model of elections taking account falsification	Batumi	2013
The international scientific conference "Problems of regional and municipal government"	Nonlinear mathematical model of variable administrative management	Moscow	2012
III Annual International Conference of the Georgian Mathematical Union	About new mathematical model „Beast – predator – victim”	Batumi	2012

Scientific event name	Title of the presentation	Event venue	Year
The international scientific conference .Basic paradigms in science and technology. Development for the 21 century	Nonlinear mathematical model of dynamics of voters of pro-government and oppositional parties (two selective subjects)	Tbilisi	2012
The XIX International Conference "Problems of security management of complex systems"	Nonlinear mathematical model of information warfare	Moscow	2011
II Annual International Conference of the Georgian Mathematical Union	General continuous linear mathematical model of information warfare	Batumi	2011
Informational and Communication Technologies – Theory and Practice: Proceedings of the International Scientific Conference	Optimizing Problem of Mathematical Model of Preventive Information Warfare	Tbilisi	2011
The XVIII International Conference "Problems of security management of complex systems"	On some nonlinear mathematical model of administration	Moscow	2010
I Annual International Conference of the Georgian Mathematical Union	Nonlinear mathematical model of administrative pressure.	Batumi	2010
I Annual International Conference of the Georgian Mathematical Union	Discrete linear mathematical model of preventive information warfare	Batumi	2010
International conference "Modern problems of continuum mechanics"	Mathematical modeling of dynamic problems of gravitational gas	Moscow	2007
Symposium on differential equations and mathematical physics	On the asymptotic method of solution of one class of nonlinear problems of the mathematical physics	Tbilisi	2001
International Symposium Differential equations and Mathematical Physics	On the asymptotic method of solution of a class of nonlinear problems of gravitating gas dynamics	Tbilisi	1997
The VI International Congress on theoretical and to applied mechanics.	Propagation of a detonation wave in a gravitating sphere with the subsequent scattering in vacuum	Tashkent	1986

Productivity index

#	Citation index	h-index
Google scholar	1234.00	22.00
Scopus	78.00	6.00
Web of science	12.00	2.00